RSWG – IT Subcommittee (1st meeting)
November 18, 2009, 1:30 p.m.
LTSB Training Room

Tony Van Der Wielen, Tad Ottman, Mike Pfohl, Adam Foltz, Michael Keane, Dana Wolff, Jeff Ylvisaker, Dan Veroff, Joel Ylvisaker, Joel Gratz, and Lori Oehlert

Hardware – Review specifications.
Tony provided a quote for HPxw4600 Workstations, $1,340.00.00 per unit.
These PC's can have up to three monitors.

The extra monitors are $200.00 each ($226.00).

Tony's recommendation is to go with an External Hard Drive for mobility. Amazon lists them for $100 each.
The Redistricting software is processor and RAM driven.
The monitors will need video cards
When everything is running, how much free RAM is remaining?
It is to early to determine this because our data is not fully configured to work with the new application.
Joel Gratz – Have you thought about two hard drives and RAID?
Whatever we use needs to be supported by LTSB's TSU team

Tony showed comparison pricing on a spreadsheet from 2000 and 2010.
2000 - $132,300 (for recommended equipment)
2010 - $96,000
Lenovo quoted $1,800 versus HP $1,340. Lenovo has better specs but higher price

Software - Review choices for Legislative Redistricting Software.

AutoBound
Autobound is made by Citygate, a Software development company only
($3,000 per copy – total $24,000)

Maptitude
Maptitude – not as open to adding specialized data and would cost a lot more.
They are willing to do a demo but not provide demo software.
No processing of census data.

Tad Ottman – Wants to talk to others about the software before a Subcommittee recommendation is made.

Jeff – Is our goal is to make our recommendations to the RSWG Committee by the next meeting December 18th?

Tony – Yes, as it will take time to acquire equipment, software and have everything set up to use.

Discussion about External Hard Drives. We would only need five External Hard Drives as LTSB GIS already has three.

The 2007 (HP 4500ps) plotters are identical as 2009 plotters (4520ps).

Plotters
The Legislature has five HP plotters. ACC (2), SCC (1), LTSB (1), LRB (1)

Smaller Formatting Printers
Smaller formatting printers were used for 2000; they were 13" x 19" HP Inkjet large format printers.

The thought is they can be used for smaller maps. .

Tony has provided information for 2010 HP2800 Color Inkjet Printers
They are networkable and will support PostScript 3.
Speed – best quality approx. 15 pages per minute

2000 printers were $1,300
2010 HP2800 Color Inkjet Printers $1,000

Tad - What is the warranty for HP and Lenovo?

HP is less, Lenovo has a different processor $200 to $300 more per PC.
Specs only real difference

Joel Gratz – What about Raid storage?
Tony – Will check on the cost. He estimates it to be $500 to $600 per PC.
Tony will need to get a quote.

Legislative Redistricting Public Access
In 2000 a website was created which included Bill Histories, data, shapefiles, and maps.
Tony showed what it looked like

The second part of public access is letting the public draw their own districts – WISE-LegRed
This was provided to the colleges around the state.
The created maps could be emailed to the Legislators.
The data was Ward Data with streets.

Joel G. – What was the amount of use last time?
Not a lot of use, mostly elementary teachers as a teaching tool.

For 2010 this application will be on the web, through the same application.
Where is the data stored?

Here at LTSB, VM's can give them more RAM's during spikes.
This application was started in September and should be ready by mid-February 2010.

If approved Jim Beaudoin from UW will create the application.
It is simpler version. There is no additional cost involved with this development.

Counties and municipalities will log in and use a password.
We are working on the detail to make the system work.
By controlling access we can track usage and have restrictions in place.
Incomplete plans will be rejected.
We have the documentation from 2000 to use

Tony demoed the new version of AutoBound.
The legislative offices will have access to our GIS database, which includes other data from other departments and agencies.